

Nickel-Plated Brass Spigot Fittings



Particularly suitable for flexible tubing, PL fittings allow the tubes to be disassembled and reused.

Ø metric:
4 to 14 mm

Technical Characteristics

- **Compatible Fluids:** Compressed air
Other fluids: contact us
- **Working Pressure:** Vacuum to 18 bar with BPLM-M nut
Vacuum to 40 bar with BPLM nut
- **Working Temperature:** -40°C to +100°C

Tightening Torque (Nm)	M5 x0.8	M6 x1	1/8	1/4	3/8	1/2
BSPT Thread			8	12	14	16
BSPP Thread with "O" ring			1.2	1.5	2.5	3.5
BSPP Thread with metal sleeve			5	8	10	12
Metric Thread	0.8	0.8				

Reliable performance is dependent upon the type of fluid conveyed, component materials and tubing being used.

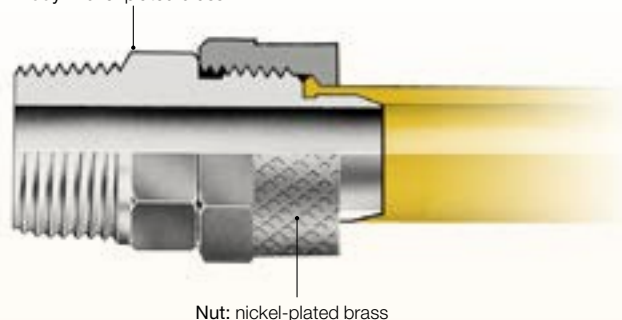
Guaranteed for use with a vacuum of 755 mm Hg (99% vacuum).

For use with fire-proof tubing: please consult us.

Component Materials

Silicone-free

Body: nickel-plated brass



Nut: nickel-plated brass

Advantages

- Full flow sealing system
- Compatible with flexible and semi-rigid tubes (polyurethane, polyamide, polyethylene, fluoropolymers, etc.)
- Reliable direct sealing system without the use of a seal or olive
- Nickel-plated for increased corrosion resistance

Installation

Cutting the Tube



Cut the polymer tube square.

Preparing the Connection



Slide the nut onto the tube.

Connecting the Tube



Push the tube home into the body of the fitting.

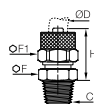
Final Assembly



Tighten the nut by hand (in the case of soft tubing) or using a spanner (for semi-rigid tubing) until it comes into contact with the end stop.

F3BPL Stud Fitting, Male BSPT Thread

Nickel-plated brass

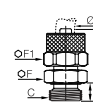


ØD	C		F	F1	H	Kg
2.7x4	R1/8	F3BPL2.7/4-1/8	12	8	16	0.009
4x6	R1/8	F3BPL4/6-1/8	12	12	19.5	0.016
	R1/4	F3BPL4/6-1/4	14	12	20	0.025
	R1/8	F3BPL6/8-1/8	12	14	19.5	0.019
6x8	R1/4	F3BPL6/8-1/4	14	14	20	0.026
	R3/8	F3BPL6/8-3/8	17	14	20	0.030
	R1/4	F3BPL8/10-1/4	14	16	21.5	0.031
8x10	R3/8	F3BPL8/10-3/8	17	16	21.5	0.043
	R3/8	F3BPL10/12-3/8	17	18	23	0.036
11x14	R3/8	F3BPL11/14-3/8	22	22	23.5	0.061

Compatible with BPLM-M nut only

F4BPL Stud Fitting, Male BSPP Thread

Nickel-plated brass, NBR



ØD	C		E	F	F1	H	Kg
4x6	G1/8	F4BPL4/6-1/8	6	13	12	19.5	0.031
6x8	G1/4	F4BPL6/8-1/4	8	16	14	20	0.033

Compatible with BPLM-M nut only

Nickel-Plated Brass Spigot Fittings

F8BPL Stud Fitting, Male Metric Thread

Nickel-plated brass, NBR

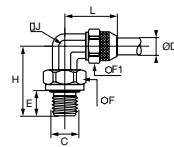


ØD	C		E	F	F1	H	Kg
6x8	M10x1	F8BPL6/8M10	8	14	13	20	0.025
	M12x1.25	F8BPL6/8M12	8	17	14	28	0.028

Compatible with BPLM nut only.
These fittings are supplied with a copper seal.
Maximum working pressure: 40 bar

C8BPL-1 Stud Elbow, Male Metric Thread

Nickel-plated brass, NBR

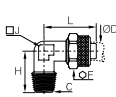


ØD	C		E	F	F1	H	J	L	Kg
6x8	M10x1	C8BPL6/8M10	6.5	14	14	22	10	23	0.030
	M12x1.25	C8BPL6/8M12X125	8	17	14	25	10	23	0.035

These fittings are supplied with nitrile seals.
Compatible with BPLM-M nut only.

C3BPL Stud Elbow, Male BSPT Thread

Nickel-plated brass

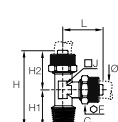


ØD	C		F	H	J	L	Kg
2.7x4	R1/8	C3BPL2.7/4-1/8	8	17	8	19.5	0.018
4x6	R1/8	C3BPL4/6-1/8	12	17	8	22.5	0.022
	R1/4	C3BPL4/6-1/4	12	20	10	22.5	0.031
	R1/8	C3BPL6/8-1/8	14	17	10	22.5	0.029
6x8	R1/4	C3BPL6/8-1/4	14	20	10	22.5	0.031
	R3/8	C3BPL6/8-3/8	14	22.5	11	24	0.064
7.5x10	R1/4	C3BPL7.5/10-1/4	16	22.5	12	28	0.057
8x10	R1/4	C3BPL8/10-1/4	16	21.5	11	25.5	0.057
	R3/8	C3BPL8/10-3/8	16	22.5	11	25.5	0.057
10x12	R3/8	C3BPL10/12-3/8	18	24.5	14	30	0.060
11x14	R3/8	C3BPL11/14-3/8	22	28	14	34	0.075

Compatible with BPLM-M nut only

R3BPL Stud Run Tee, Male BSPT Thread

Nickel-plated brass

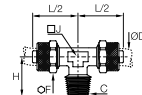


ØD	C		F	H	H1	H2	J	Kg
4x6	R1/8	R3BPL4/6-1/8	12	39.5	17	22.5	8	0.035
	R1/4	R3BPL4/6-1/4	12	43.5	21	22.5	10	0.048

Compatible with BPLM-M nut only

S3BPL Stud Branch Tee, Male BSPT Thread

Nickel-plated brass

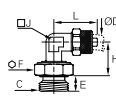


ØD	C		F	H	J	L/2	Kg
4x6	R1/8	S3BPL4/6-1/8	12	17	8	22.5	0.035
	R1/4	S3BPL4/6-1/4	12	20.5	10	22.5	0.047

Compatible with BPLM-M nut only

C4BPL Stud Elbow, Male BSPP Thread

Nickel-plated brass, NBR

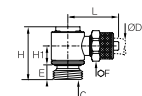


ØD	C		E	F	F1	H	J	L	Kg
4x6	G1/4	C4BPL4/6-1/4	8	17		25	10	23.5	0.066
6x8	G1/4	C4BPL6/8-1/4	8	17	14	25	10	23.5	0.068

These fittings are supplied with nitrile seals.
Compatible with BPLM-M nut only.

COR4BPL Single Banjo, Male BSPP Thread

Nickel-plated brass, treated steel, NBR



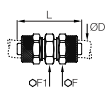
ØD	C		E	F	H	H1	L	Kg
4x6	G1/8	COR4BPL4/6-1/8	6.5	12	25.5	9	24	0.069
	G1/4	COR4BPL4/6-1/4	8	12	31.5	10	26	0.097
6x8	G1/4	COR4BPL6/8-1/4	8	14	31.5	10	26	0.101
	G1/8	COR4BPL6/8-1/8	6.5	14	25.5	9	24	0.073

These parts are supplied with peripheral seals.
The banjo bolt is made of steel.
Compatible with BPLM-M nut only.

Nickel-Plated Brass Spigot Fittings

HBPL Equal Tube-to-Tube Connector

Nickel-plated brass

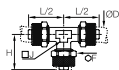


ØD			F	F1	L	Kg
2.7x4		HBPL2.7/4	8	8	26	0.010
4x6		HBPL4/6	12	12	34.5	0.021
6x8		HBPL6/8	14	14	35	0.030
8x10		HBPL8/10	14	16	38	0.043
10x12		HBPL10/12	17	18	41	0.056

Compatible with BPLM-M nut only

JBPL Equal Tee

Nickel-plated brass

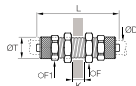


ØD			F	H	J	L/2	Kg
4x6		JBPL4/6	12	22.5	8	22.5	0.042
6x8		JBPL6/8	14	22.5	10	22.5	0.057

Compatible with BPLM-M nut only

WBPL Equal Bulkhead Connector

Nickel-plated brass

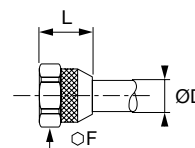


ØD			F	F1	K max	L	ØT	Kg
4x6		WBPL4/6	14	12	10.5	48	10	0.030
6x8		WBPL6/8	16	14	10.5	48	12	0.040
8x10		WBPL8/10	17	16	8.5	50	14	0.057

Compatible with BPLM-M nut only

BPLM Nut

Nickel-plated brass



ØD	C			E	F	L	Kg
2.7x4	M6x0.50		BPL4M	6	8	8	0.003
4x6	M8x0.75		BPL6M	6.5	9	9	0.006
6x8	M12x1		BPL8M	7.5	14	10.5	0.009
8x10	M14x1		BPL10M	8	16	11.5	0.014

Maximum working pressure: 40 bar

BPLM-M Nut

Nickel-plated brass

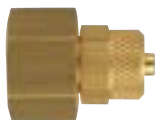


ØD	C			F	L	Kg
4x6	M8x0.75		BPL6M-1	9	9	0.006
6x8	M12x1		BPL8M-1	14	10.5	0.008
8x10	M14x1		BPL10M-1	16	11.5	0.012

Brass, Stainless Steel, Composite Spigot Fittings

MV Female Stud Fitting

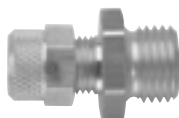
Brass



ØD	C		HEX	L
4x6	G1/8	MV10/06	14	23
	G1/4	MV13/06	17	25
6x8	G1/4	MV13/08	17	25

EV Stud Fitting

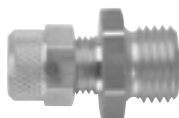
Brass



ØD	C		HEX	L	Version
3x4	M5	EV05/04	7	20	Brass
3x5	M5	EV05/05	7	20	Brass
4x6	M5	EV05/06	8	21	Brass
	G1/8	EV10/06	12	25	Brass
6x8	G1/8	EV10/08	14	24	Brass
4x6	G1/4	EV13/06	17	26	Brass
6x8	G1/4	EV13/08	17	26	Brass
8x10	G1/4	EV13/10	17	31	Brass
9x12	G1/4	EV13/12	17	31	Brass
	G3/8	EV17/12	19	31	Brass

EV Stud Fitting

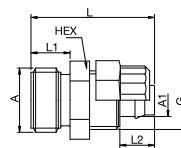
Stainless steel



ØD	C		HEX	L	Version
3x4	M5	EV05/04R	7	20	AISI 303
3x5	M5	EV05/05R	7	20	AISI 303
4x6	M5	EV05/06R	8	21	AISI 303
	G1/8	EV10/06R	12	25	AISI 303
6x8	G1/8	EV10/08R	14	24	AISI 303

EV Plastic Screw Connector

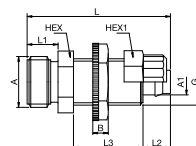
POM or CHEM



ØD	C		HEX	G	L	L1	L2	Version
4x6	G1/4	EV13/06DX	14	M 10 x 1	25	8	13	POM
6x8	G1/4	EV13/08DX	14	M 12 x 1	25	8	13	POM
4x6	G1/4	EV13/06FX	14	M 10 x 1	25	8	13	CHEM
6x8	G1/4	EV13/08FX	14	M 12 x 1	25	8	13	CHEM

EK Panel Mount, Plastic Hose Connection

POM or CHEM



ØD	C		HEX	HEX1	B	G	L	L1	L2	L3	Version
4x6	G1/4	EK13/06DX	14	14	4	M 10 x 1	37	7	8	18	POM
6x8	G1/4	EK13/08DX	14	17	4	M 12 x 1	37	8	8	18	POM
4x6	G1/4	EK13/06FX	14	14	4	M 10 x 1	37	7	8	18	CHEM
6x8	G1/4	EK13/08FX	14	17	4	M 12 x 1	37	8	8	18	CHEM